

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| Title of Invention  | APPARATUS FOR ROLL HEMMING WITH ZERO ANGLE DEFLECTION |            |            |              |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|---|---|------------|------------|--------------|------|-------|----------|---------------|----------|------------|------|----------|------|-------|----------|--|---|---------|------------|----------|--|--|--|--|---|---------|------------|---------|--|--|--|--|---|---------|------------|---------|--|--|--|--|---|---------|------------|------------|--|--|--|--|---|---------|------------|---------|--|--|--|--|---|---------|------------|------|--|--|--|--|---|---------|------------|-------|--|--|--|--|---|---------|------------|-------------|--|--|--|--|---|---------|------------|-------------|--|--|--|--|----|---------|------------|---------|--|--|--|--|----|---------|------------|--------------|--|--|--|--|----|---------|------------|---------|--|--|--|--|----|---------|------------|--------|--|--|--|
| <p>Application Number :</p> <p>Confirmation Number:</p> <p>First Named Applicant: Magnus Mattsson</p> <p>Attorney Docket Number: 81091222</p> <p>Art Unit:</p> <p>Examiner:</p> <p>Search string: ( 4395894 or 4726107 or 5038597 or 5083355 or 5050422 or 5228190 or 5272903 or 5357665 or 6161410 or 6314783 or 6418771 or 6467324 or 6477880 ).pn</p>  |   |            |            |              |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
| <h2>US Patent Documents</h2> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4395894</td><td>1983-08-02</td><td>McCorvey</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4726107</td><td>1988-02-23</td><td>Knudson</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5038597</td><td>1991-08-13</td><td>Dorsett</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5083355</td><td>1992-01-28</td><td>Dacey, Jr.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5050422</td><td>1991-09-24</td><td>Dorsett</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5228190</td><td>1993-07-20</td><td>Sawa</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5272903</td><td>1993-12-28</td><td>Evans</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5357665</td><td>1994-10-25</td><td>Fukui et al</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>6161410</td><td>2000-12-19</td><td>Shook et al</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>6314783</td><td>2001-11-13</td><td>Patrick</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>6418771</td><td>2002-07-16</td><td>Raffin et al</td><td></td><td></td><td></td></tr><tr><td></td><td>12</td><td>6467324</td><td>2002-10-22</td><td>Patrick</td><td></td><td></td><td></td></tr><tr><td></td><td>13</td><td>6477880</td><td>2002-11-12</td><td>Zimmer</td><td></td><td></td><td></td></tr></tbody></table> |   |            |            |              |      |       |          | init          | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |  | 1 | 4395894 | 1983-08-02 | McCorvey |  |  |  |  | 2 | 4726107 | 1988-02-23 | Knudson |  |  |  |  | 3 | 5038597 | 1991-08-13 | Dorsett |  |  |  |  | 4 | 5083355 | 1992-01-28 | Dacey, Jr. |  |  |  |  | 5 | 5050422 | 1991-09-24 | Dorsett |  |  |  |  | 6 | 5228190 | 1993-07-20 | Sawa |  |  |  |  | 7 | 5272903 | 1993-12-28 | Evans |  |  |  |  | 8 | 5357665 | 1994-10-25 | Fukui et al |  |  |  |  | 9 | 6161410 | 2000-12-19 | Shook et al |  |  |  |  | 10 | 6314783 | 2001-11-13 | Patrick |  |  |  |  | 11 | 6418771 | 2002-07-16 | Raffin et al |  |  |  |  | 12 | 6467324 | 2002-10-22 | Patrick |  |  |  |  | 13 | 6477880 | 2002-11-12 | Zimmer |  |  |  |
| init  | Cite.No.  | Patent No. | Date       | Patentee     | Kind | Class | Subclass |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 1   | 4395894    | 1983-08-02 | McCorvey     |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 2   | 4726107    | 1988-02-23 | Knudson      |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 3   | 5038597    | 1991-08-13 | Dorsett      |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 4   | 5083355    | 1992-01-28 | Dacey, Jr.   |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 5   | 5050422    | 1991-09-24 | Dorsett      |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 6   | 5228190    | 1993-07-20 | Sawa         |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 7   | 5272903    | 1993-12-28 | Evans        |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 8   | 5357665    | 1994-10-25 | Fukui et al  |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 9   | 6161410    | 2000-12-19 | Shook et al  |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 10  | 6314783    | 2001-11-13 | Patrick      |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 11  | 6418771    | 2002-07-16 | Raffin et al |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 12  | 6467324    | 2002-10-22 | Patrick      |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   | 13  | 6477880    | 2002-11-12 | Zimmer       |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
| <p><b>Signature</b></p> <table border="1"><tr><td>Examiner Name</td><td>Date</td></tr><tr><td></td><td></td></tr></table>   |   |            |            |              |      |       |          | Examiner Name | Date     |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
| Examiner Name   | Date  |            |            |              |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |
|   |   |            |            |              |      |       |          |               |          |            |      |          |      |       |          |  |   |         |            |          |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |            |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |      |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |             |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |              |  |  |  |  |    |         |            |         |  |  |  |  |    |         |            |        |  |  |  |